

# EPS Eco

## EPS ECO SE/SA 2KVA 2P 1ELM

Central Power Supply compliant with EN 50171 standards  
Long battery autonomy and fast recharge times (< 12 hours)  
Continuous overload of 120%  
10-year life batteries

### Order code 17704K

#### Technical specifications

##### INPUT

Voltage	220 / 230 / 240 V single-phase + N
Voltage tolerance	230 V $\pm$ 20% at full load
Frequency tolerance	40 - 70 Hz
Power factor	$\geq$ 0.99

##### OUTPUT and INVERTER OUTPUT

Rated power	2000 VA
Active power	1800 W
Power according with EN 50171	1600 VA / 1600 W
Output Voltage	220 / 230 / 240 V single-phase + N
Crest factor (I <sub>peak</sub> /I <sub>rms</sub> )	3 : 1
Waveform	Sinusoidal
Frequency	50 / 60 Hz (selectable)
Voltage distortion with non-linear load	$\leq$ 6%
Voltage distortion with linear load	$\leq$ 3%

##### BATTERIES - AUTONOMY

AGM-VRLA	6x 90Ah - 10 YEARS expected lifespan
Autonomy	2h
Maximum recharge current	2 A

##### ENVIRONMENTAL

Color	Black
Communication	LCD display / slot for communication interface / RS-232/USB

Accessories provided **USB cable, Monitoring Software**

Protections **Overvoltage - undervoltage - temperature - excessive low battery**

Noise (at 1 m)	<50 dBA
Operating temperature	0 °C - +40 °C Batteries 20 °C - +25 °C
Relative humidity	20-95% non-condensing
Type of sockets	Terminal block
Protection rating	IP20
Weight EPS Eco	6.8 kg
Dimensions (h w d) EPS Eco	240x145x285 mm
Weight Battery cabinet	18 kg
Dimensions (h w d) Battery cabinet	610x780x450 mm
Weight Battery	162 kg
External charger	72 V 960 W
Dimensions (h w d) External charger	90x177x300 mm
Weight External charger	3,1 kg



## Certificates and standards

EN50171 - European directives: L V 2014/35/EU low voltage; EMC 2014/30/EU electromagnetic compatibility -- Directive and Standards: Safety IEC EN 62040-1; EMC IEC EN 62040-2; RoHS compliant -- Classification in accordance with IEC 62040-3 VFI - SS - 111

## Accessories



**16323**  
MODULO RS485 LG EPS ECO